

Title (en)  
SYSTEM AND METHOD FOR WIRELESS DATA TRANSMISSION

Title (de)  
SYSTEM UND VERFAHREN ZUR DRAHTLOSEN DATENÜBERTRAGUNG

Title (fr)  
SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES SANS FIL

Publication  
**EP 1805534 A2 20070711 (EN)**

Application  
**EP 05797360 A 20051011**

Priority

- NO 2005000375 W 20051011
- NO 20044338 A 20041012

Abstract (en)  
[origin: WO2006041308A2] The invention relates to a system and method for wireless data transmission in an open process regime, for example a producing (or injecting) well associated with oil and gas production, the system comprising means for data acquisition, means for data conversion, means for wireless data transmission, control means, power source, and a static pulse generation device adapted for generating static pressure fluctuations in the well fluid. The data conversion means are adapted to convert data to a simplified number format to be transmitted by the induced fluctuations in the process fluid.

IPC 8 full level  
**E21B 47/18** (2012.01); **E21B 47/12** (2012.01); **G01V 11/00** (2006.01)

IPC 8 main group level  
**H04B** (2006.01)

CPC (source: EP US)  
**E21B 47/20** (2020.05 - EP US); **E21B 47/24** (2020.05 - EP US); **G01V 11/002** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006041308A2

Cited by  
CN111058835A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006041308 A2 20060420; WO 2006041308 A3 20060615**; CA 2583286 A1 20060420; CA 2583286 C 20170425; DK 1805534 T3 20170313; EP 1805534 A2 20070711; EP 1805534 B1 20161207; NO 20044338 D0 20041012; NO 20044338 L 20060418; NO 325613 B1 20080630; US 2007296606 A1 20071227; US 8169854 B2 20120501

DOCDB simple family (application)  
**NO 2005000375 W 20051011**; CA 2583286 A 20051011; DK 05797360 T 20051011; EP 05797360 A 20051011; NO 20044338 A 20041012; US 57701905 A 20051011